



User Guide

A COMPREHENSIVE GUIDE TO THE FEATURES AND NAVIGATION OF
DISCOVERY EDUCATION *unitedstreaming*

USER GUIDE

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If you have questions or need assistance, please contact us at 1-800-323-9084 or e-mail: support@unitedstreaming.com.

NOTE: Due to ongoing enhancements to *unitedstreaming* features and content, some differences may exist between this User Guide and the current website. Find the latest version of this guide, downloadable from the website, under Professional Development > Trainer's Toolkit.

DISCOVERY EDUCATION *unitedstreaming* INTRODUCTION



Engage Your Students with Digital Media Content

Discovery Education *unitedstreaming* is the only digital video-based learning resource scientifically proven to increase academic achievement. Featuring more than 5,000 full-length videos divided into 50,000 content-specific video segments, *unitedstreaming* enables you to seamlessly integrate digital media in the classroom.

This User Guide provides an overview of *unitedstreaming*. Our enhanced interface puts more information, search tools and navigation links at your fingertips.

New and Expanded Features Make *unitedstreaming* Your Primary Source for Digital Media Content

- Dynamic, drill-down navigation menu drives targeted searches
- New navigation tools provide path or “breadcrumb” links
- Teacher tools support creation of teacher-selected content for student access
- Teacher preferences allow you to create a customized homepage to display links to curriculum tools, new videos, calendar events and teaching tips
- New media types including audio files and animations support different learning styles and add depth to your projects
- Professional Development content provides tools for technology integration and supports teachers' professional growth and development

Use *unitedstreaming*'s New Teacher Tools to Create and Innovate in Your Classroom

- **Assignment Builder**
Gather video segments, images, quizzes and trusted websites in one place and create an interactive learning experience for students.
- **Quiz Builder**
Assess student comprehension or survey prior knowledge with a *unitedstreaming* quiz. Search the Quiz Library, choose individual questions from the Quiz Builder databank or write your own questions.
- **Writing Prompt Builder**
Stimulate the writing process in your classroom with images that are ready-made for declarative, persuasive, narrative, and expository writing exercises.

Professional Development

Discovery Education provides state-of-the art professional development that offers differentiated instructional approaches. With the next generation of *unitedstreaming*, we've got you and your staff covered.

• Interactive Training

These self-directed modules offer certificate and professional development credit options. A variety of lessons demonstrate best practices for integration of digital media in the classroom and the web-based, hands-on format supports individual pace and style of learning.

• Webinars

A webinar is an online seminar with interactive training elements. Collaborate in live, hour-long sessions with a *unitedstreaming* instructor using *Webex*™ and your phone line. Registration is fast and easy online at: www.unitedstreaming.com

• Digital Connections

Expanding on the webinar format, you can arrange a half-day staff development session to include both live, online instruction with a hands-on workshop. Contact your Account Representative at 1-800-323-9084 today to schedule a session.

• Courses for Graduate Credit

Graduate courses focus on integrating digital media into the curriculum and are available to *unitedstreaming* users. Course credit can be transferred, applied to certificate programs, or used as the beginning of a masters program.

DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED

Accessing Discovery Education *unitedstreaming*

Existing Users

Enter your username and password in the "LOG IN" section on the right side of the screen and click "GO."

The screenshot shows a web interface with two main sections: "LOG IN" and "NEW USER?".

LOG IN

Enter your Username and Password

USERNAME
[Text Input Field]

PASSWORD
[Text Input Field]

[GO Button]

[Forgot your password?](#)

NEW USER?

Enter your Passcode to register for an account

[Text Input Field] - [Text Input Field]

[GO Button]

[What is a passcode?](#)

• [Sign-up for a Free 30-day trial!](#)

New Users

1. Go to www.unitedstreaming.com
2. Enter your eight-character school passcode in the "NEW USER?" section on the right side of the screen and click "GO."
 - A passcode allows new users to create and register a personal username and password for access to *unitedstreaming*.
 - You must obtain your school passcode to create an account. Thereafter, you no longer need the passcode.
 - If you do not have a passcode, please contact your *unitedstreaming* Account Representative, or call Discovery Education at 1-800-323-9084.
3. Once you enter the passcode, you will be prompted to create your account.
 - a. Fill in the required fields, which are indicated by an asterisk. You must also check the box to agree to the Terms of Use.
 - b. Your username must be a minimum of six characters long. Both the username and password may contain these characters only: letters, numbers, hyphen, and period.
 - c. Subscribe to the newsletter to receive monthly updates about featured videos, new tools, and integration ideas.
4. Your confirmation will be e-mailed to you.

NOTES:



Integration Ideas: [Look for these throughout your User Guide.](#)

[Learn about *unitedstreaming* at your own pace by logging into Interactive Training.](#)

DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED



My Homepage

You can now design a customized Discovery Education *unitedstreaming* homepage to view new content updates and weekly teacher tips. Simply click on the “Preferences” link in the navigation bar at the top of the screen and select the “My Home Page” tab. You control the content you wish to view. Select calendar listings and featured videos, receive updates as new videos are added to the site, learn which videos receive the most views and draw inspiration from regular teaching tips.

Make sure to check the box “Use My Home Page as my default home page for *unitedstreaming*” and your customized home page will be displayed each time you log in to the site.

The screenshot shows the 'My Home Page' tab selected in the preferences window. At the top, there is a checkbox labeled 'Use My Home Page as my default home page for unitedstreaming'. Below this, the section 'My Home Page Content' is titled. Under 'Select the Content to Include in My Home Page', there are two main sections: 'Today in History' and 'Featured Videos'. 'Today in History' has a 'Subject' dropdown menu with options: Art & Humanities, Biography, Health & Guidance, Language Arts, Mathematics, Science, and Social Studies. 'Featured Videos' has a 'Subject/Grade' dropdown menu with options: Art and Music, Health, Math, Science, Social Studies, and Other. Each of these options has a grid of checkboxes for grade levels: K-2, 3-5, 6-8, and 9-12. At the bottom, there is a 'New Videos' section with checkboxes for 'Most Viewed Videos for the Week' and 'Teaching Tips'. A 'Save Changes' button is located at the bottom right of the window.

NOTES:

DISCOVERY EDUCATION *unitedstreaming*

GETTING STARTED

Search Tools

Robust search tools and dynamic browsing capability enable you to quickly locate a variety of media assets and refine your search results by subject, grade or media type. As you conduct and refine a search, you can move forward and backward in your search results by clicking on any of the links in the breadcrumb trail.

Keyword Search

Use the Keyword Search to conduct targeted searches for specific media types such as: video segments, images, articles and clip art. The search results will return video titles and descriptions that contain the keyword you entered. The power of Boolean Query allows you to include and exclude words or phrases—for example: revolution NOT industrial. If you use quotation marks to search for a phrase—for example, "magic school bus"—you will constrain your search to media that includes the entire phrase in the title or description.

Advanced Search

The Advanced Search keyword option supports more powerful searching capabilities that allow you to focus on a specific media publisher or limit your search to include only Editable, Closed Captioned, Spanish or New Titles. You can also choose to exclude Spanish or Classic¹ titles from your search results. Click on "Explore All Titles" to browse the entire video collection and select subject areas of interest to you.

Subject Search

Click on one of eight core subject areas to view a complete listing of media resources that match the subjects that you teach. You can refine your subject search by choosing a grade range or a more specific subject.

Grade Search

Select a grade range to view a complete listing of *unitedstreaming* content appropriate for your students. If you wish to filter your search results more precisely, you can choose from eight different core subjects or select from up to nine different media types.

Curriculum Standards

Videos in the *unitedstreaming* library have been cross-referenced to teaching standards for all states. Use this tool to quickly locate videos and images that match your state curriculum standards. The state field is pre-populated to reflect your school location. Select the subject area and grade level and click "go." Then find the standard you are interested in and look for links to videos meeting the standard.

¹ Classic titles are programs that date from the 1970s and 80s. Some teachers feel that the subject matter and content is still valuable.



Integration Idea:

Incorporate editable video segments and audio files in your digital storytelling projects.

DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED



Exploring Your Search Results

The search feature offers users powerful tools to look for videos, video segments, and additional resources that match search terms. You can narrow your keyword search by media type, by making your selection from the "WITHIN" drop down menu.

A keyword search for All Content returns a listing of full videos in the main results area. You can now modify the number of resources displayed on the page by clicking on the dropdown menu to display 10, 25, 50 or 100 items per page. Each video title appears in blue, with the total run time displayed at the end of the title. Also included are a brief video description, the grade range and publisher, and links to Blackline Masters, Teachers Guides (when available), and state curriculum standards. Icons will indicate Spanish, Closed-Captioned and Editable titles.

Click on either the video title or the thumbnail image to access the full video description page.

Links to nine different media types are displayed in the left side navigation bar. In this example, a keyword search for all content using the word "constitution" yielded 48 full videos and 224 video segments. The search also located 133 images, 763 articles, 8 quizzes, 37 events, and 4 lesson plans. To access a resource type, click on the appropriate link.

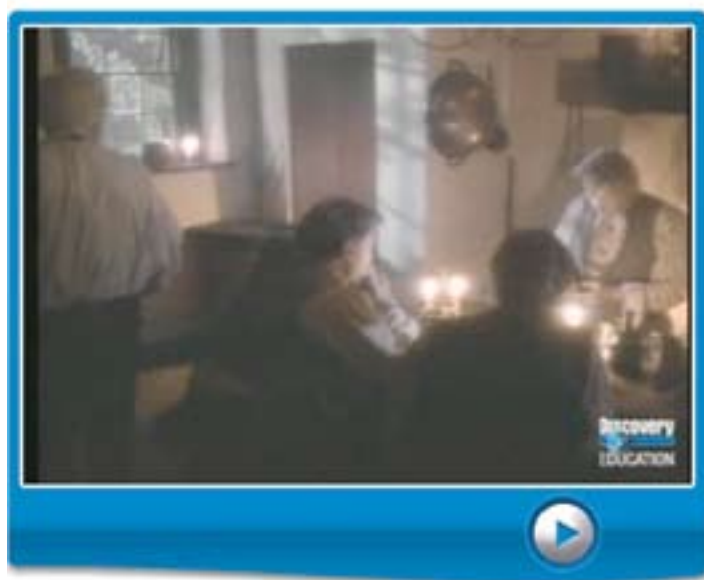


DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED

Exploring the Full Video Page

Playing & Downloading Videos

You can use the flexible features on the full video page to play and download videos, save them to a folder in My Content or e-mail a friend. Easy to use content tabs provide quick access to video segments, citation information and related materials.



[Printer Friendly](#)
[Email a Friend](#)

Full Video
Video Segments
Citations
Related Materials

American Constitution, The: The Road from Runnymede (55:27)

This video contains [16 segments](#).

Description:
 This program, hosted by Christopher Reeve, guides students through 600 years of political struggle from Magna Carta in 1215 to the Philadelphia Convention in 1787. This program examines the English roots of our Constitution, highlighting the political turmoil of 17th century England and showing how such fundamental principles as "rule of law" and "limited government" emerged. Finally, we see how these principles were translated into American colonial government and sparked powerful clashes between the colonists and Great Britain, leading to the first attempt at national government, the Articles of Confederation. Compelling media support for American History, American Government, Citizenship/Civics, and World History units on the ideological origins of the American Revolution, the principles and philosophy represented in the Magna Carta, the English Bill of Rights, the Articles of Confederation and the Constitution, and the roles of individuals such as John Locke, George Mason, George Washington, and James Madison. © 1993 AHS Multimedia

Grades: 5-8

Play

+ Add to
My Content
ADD



Integration Idea:

Take students on a virtual field trip with Google Earth and insert hyperlinks to relevant *unitedstreaming* video segments.

DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED



Exploring the Full Video Page—New Features & Tools

Print Video Information



Generate pages that include video information and are printer friendly by clicking on the link labeled "Printer Friendly."

E-mail a Friend



You can send page links by e-mail to other *unitedstreaming* users by clicking on the link labeled "E-mail a Friend." Simply type your colleague's e-mail address in the field provided, type a personal message and click the "Send E-mail" button.

Add to

With the "Add to" feature, you can add selected video segments to folders in "My Content," quizzes or assignments.

1. Check the box next to the video segment you wish to add.
2. Scroll to the bottom of the screen and make your selection from the "Add to" menu.
3. Click the "ADD" button.



Rate the Video

Share your opinion of the video with the *unitedstreaming* community. Choose your video rating from the "Rate" menu.



[Full Video](#)
[Video Segments](#)
[Citations](#)
[Related Materials](#)

American Constitution, The: The Road from Runnymede (55:27)

This video contains 15 segments.

Description:
This program, hosted by Christopher Reeve, guides students through 500 years of political struggle from Magna Carta in 1215 to the Philadelphia Convention in 1787. This program examines the English roots of our Constitution, highlighting the political turmoil of 17th century England and showing how such fundamental principles as "rule of law" and "limited government" emerged. Finally, we see how these principles were translated into American colonial government and sparked powerful clashes between the colonists and Great Britain, leading to the first attempt at national government, the Articles of Confederation. Compelling media support for American History, American Government, Citizenship/Civics, and World History units on the ideological origins of the American Revolution, the principles and philosophy represented in the Magna Carta, the English Bill of Rights, the Articles of Confederation and the Constitution, and the roles of individuals such as John Locke, George Mason, George Washington, and James Madison. © 1992 ADMS Multimedia

Grades: 6-8

Play

Add to

☒ My Content

☐ Assignment

☐ Quiz

ADD

DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED

Playing Full Videos & Video Segments

Discovery Education *unitedstreaming* videos are divided into “chapters” or “segments” so educators can show the parts that best relate to their teaching objective or lesson. Click on the Video Segments tab to view a complete list of video segments.

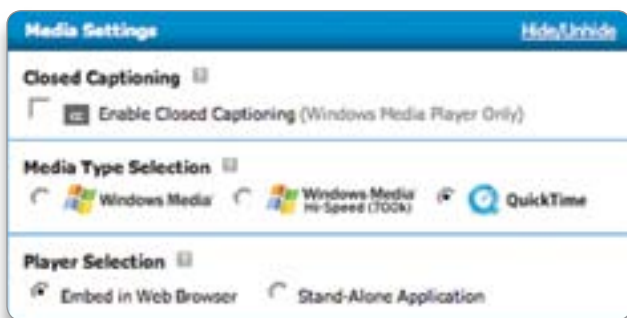
▶ Play a Video

You can view a video segment “live” or stream it “real-time” by clicking on the Play button. The quality of the video streaming experience will depend on many factors including the speed of your Internet connection and the number of people at your school who are online at the time you choose to stream video content.

Step 1: Choose your Media Settings:

- Enable Closed-Captioning (if appropriate)
- Select Media Type:
 - › *Windows Media Player* for PC
 - › *QuickTime* for Mac
- Make your Player Selection:
 - › Embedded in Web Browser (plays right on the page)
 - › Stand-Alone Application (opens a new player window)

Step 2: Click the Play button next to the desired video segment to view the video.



TIP: Make sure you have the latest version of the free *Windows Media Player* (PC) or the *Apple QuickTime* player (Mac) installed on your computer. You will find download links to these applications in the online help section of www.unitedstreaming.com.

NOTE: Playing/streaming video is recommended for previewing, while downloading is recommended for classroom use. Downloading insures a smooth and uninterrupted playing experience that will not be diminished by bandwidth or connectivity issues. If your school uses Network Manager or Blocktime Editor, streaming and downloading may be available only during off-peak times. For more information about Network Manager or Blocktime Editor, contact your *unitedstreaming* Account Representative or call Discovery Education at 1-800-323-9084.

NOTES:



Integration Idea:

Project video content on an interactive whiteboard and use the pause feature to highlight important information.

DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED



Downloading Full Videos & Video Segments

Download a Video

When you download a video segment, you save a copy of the file on your computer or network for future access.

PC

Step 1: Right-click on the Download icon next to the desired video segment and select "Save Target As."

Step 2: Navigate to the desired location.

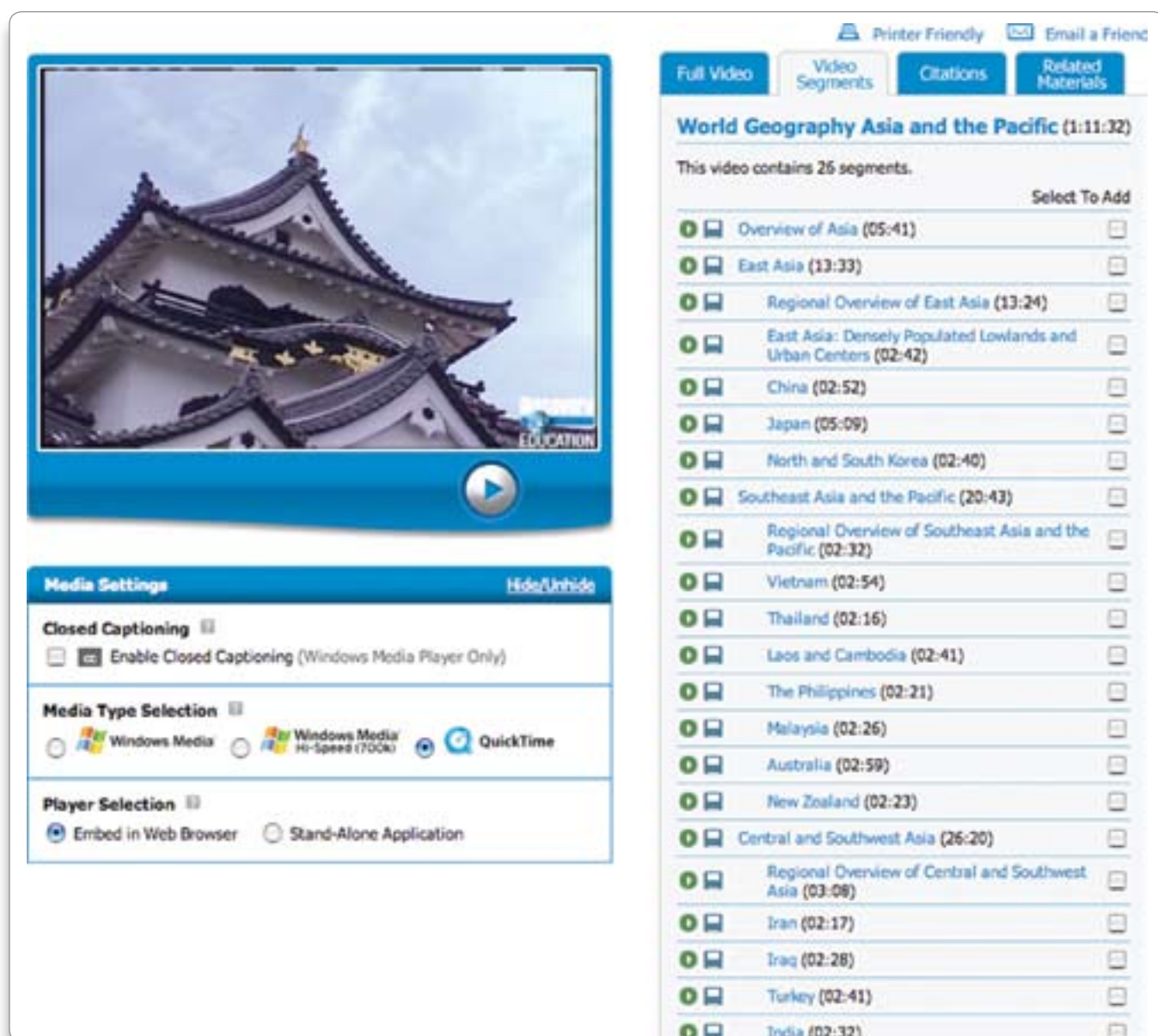
Step 3: Save the file.

Mac

Step 1: Control-click on the Download icon next to the desired video segment and select "Download Linked File."

Step 2: Navigate to the desired location.

Step 3: Save the file.



The screenshot displays the Discovery Education UnitedStreaming interface. On the left, a video player shows a close-up of a traditional East Asian building with ornate, dark tiled roofs. Below the player is a 'Media Settings' panel with the following options:

- Media Settings:** Hide/Unhide
- Closed Captioning:** ☐ Enable Closed Captioning (Windows Media Player Only)
- Media Type Selection:**
 - ☐ Windows Media
 - ☐ Windows Media Hi-Speed (700k)
 - ☒ QuickTime
- Player Selection:**
 - ☒ Embed in Web Browser
 - ☐ Stand-Alone Application

On the right, a sidebar titled 'World Geography Asia and the Pacific (1:11:32)' indicates that the video contains 25 segments. A 'Select To Add' section lists the following segments with download icons:

- Overview of Asia (05:41)
- East Asia (13:33)
- Regional Overview of East Asia (13:24)
- East Asia: Densely Populated Lowlands and Urban Centers (02:42)
- China (02:52)
- Japan (05:09)
- North and South Korea (02:40)
- Southeast Asia and the Pacific (20:43)
- Regional Overview of Southeast Asia and the Pacific (02:32)
- Vietnam (02:54)
- Thailand (02:16)
- Laos and Cambodia (02:41)
- The Philippines (02:21)
- Malaysia (02:26)
- Australia (02:59)
- New Zealand (02:23)
- Central and Southwest Asia (26:20)
- Regional Overview of Central and Southwest Asia (03:08)
- Iran (02:17)
- Iraq (02:28)
- Turkey (02:41)
- India (02:32)

DISCOVERY EDUCATION *unitedstreaming*

GETTING STARTED

Citations

Citation information is provided for videos, video segments, images and articles. Click on the Citations tab to view MLA, APA and Chicago Manual of Style formats. Citations may be copied and pasted into projects that include Discovery Education *unitedstreaming* content.

Protecting Discovery Education *unitedstreaming* Content

All users are bound by current "Terms of Use" found in the footer at www.unitedstreaming.com. If you have additional questions regarding "Terms of Use," contact us at info@unitedstreaming.com. Please include your name, institution, position and specific question or issue.



The screenshot shows a web interface with four tabs: "Full Video", "Video Segments", "Citations", and "Related Materials". The "Citations" tab is selected. Below the tabs, the title "American Constitution, The: The Road from Runnymede" is displayed. Underneath, three citation formats are provided:

- Citation (MLA)**
American Constitution, The: The Road from Runnymede.
AIMS Multimedia. 1992.
unitedstreaming. 12 June 2006
<<http://www.unitedstreaming.com/>>
- Citation (APA)**
American Constitution, The: The Road from Runnymede.
AIMS Multimedia
(1992). Retrieved June 12, 2006, from
unitedstreaming: <http://www.unitedstreaming.com/>
- Citation (Chicago Manual of Style)**
AIMS Multimedia. "American Constitution, The: The Road from Runnymede."
unitedstreaming: <http://www.unitedstreaming.com/>



Integration Idea:

Brainstorm essay ideas using Inspiration and embed video segments to explore additional areas of the topic.

DISCOVERY EDUCATION *unitedstreaming*

GETTING STARTED



Related Materials

Many Discovery Education *unitedstreaming* videos provide quick links to Curriculum Standards, Blackline Masters, Teachers Guides and Quizzes. Click on the Related Materials tab to access these materials.

Curriculum Standards

unitedstreaming videos are correlated to state standards nationwide. To view a list of standards for your state that relate to the video, click on the Curriculum Standards link.

Blackline Masters

Blackline Masters are supplementary materials such as worksheets, quizzes, word searches, crossword puzzles and other classroom tools that support *unitedstreaming* video content. The PDF format makes it easy to download and print these materials.

Teacher's Guides

Teacher's Guides contain program objectives, discussion questions, and lesson plans that support *unitedstreaming* video content. Many of the Teacher's Guides also contain the full script of the video programs which may be helpful in the creation of additional student handouts. The PDF format makes it easy to download and print these materials.

Quizzes

Quizzes can be used to test student comprehension or survey prior knowledge on a particular subject. Many *unitedstreaming* videos contain pre-made quizzes. Students can access quizzes through the Student Center.



DISCOVERY EDUCATION *unitedstreaming*

GETTING STARTED

My Content

This new feature allows you to collect, organize, share and retrieve your favorite Discovery Education *unitedstreaming* media resources, assignments, quizzes and writing prompts in one convenient place. Located in the navigation bar at the top of the screen, “My Content” is accessible from anywhere on the site.

You now have the ability to add *unitedstreaming* content to folders you create in My Content, by using the “Add to” drop down menu on any media resource page. You can create sub-folders within main folders to create hierarchies within content, grade levels or courses. You can also choose to share folder contents with your school and your district.

Adding resources to My Content does not initiate a playing or downloading procedure. The purpose of My Content is to bookmark the resource to avoid searching for it again. All files and projects are stored on the *unitedstreaming* servers.

The screenshot shows the 'My Content' interface. At the top, there are tabs for 'My Content', 'School Content', and 'District Content'. To the right, there is a 'VIEW ONLY' button and a 'Folder List' dropdown menu. Below these are 'Add Folder' and 'Add Content' buttons. The main area contains a table with the following columns: Order, Type, Name, Added, Subject, Grade, and Action. The table lists various resources, including folders for '10th Grade U.S. History', 'AP U.S. History', and 'Industrial Revolution', as well as assignments, audio files, and quizzes. Each row has a 'delete' button and a share icon in the Action column.

Order	Type	Name	Added	Subject	Grade	Action
▼▲	Folder	10th Grade U.S. History	2/26/06	Social Studies	10	delete ▼
▼▲	Folder	AP U.S. History	2/19/06	Social Studies	10, 11, 12	delete ▼
▼▲	Folder	Industrial Revolution	1/14/06	Social Studies	9	delete ▼
▼▲	Assignment	Assignment 1	2/26/06	Social Studies	9, 10	delete ▼
▼▲	Assignment	Assignment 2	2/19/06	Social Studies	10	delete ▼
▼▲	Audio File	Audio File 1	10/05/05	Social Studies	11	delete ▼
▼▲	Video	America Becomes a World Power	2/26/06	Social Studies	9	delete ▼
▼▲	Video	Revolutionary War, The Dark Days	2/19/06	Social Studies	10	delete ▼
▼▲	Video	The Revolutionary War: British Success in the South	1/14/06	Social Studies	10, 11, 12	delete ▼
▼▲	Quiz	World War I Quiz	2/26/06	Social Studies	9	delete ▼
▼▲	Quiz	Roaring 20s Quiz	2/19/06	Social Studies	9, 10	delete ▼
▼▲	Quiz	Restoration Quiz	10/05/05	Social Studies	10	delete ▼
▼▲	Writing Prompt	Writing Prompt 1	2/26/06	Social Studies	11	delete ▼
▼▲	Writing Prompt	Writing Prompt 2	2/19/06	Social Studies	9	delete ▼



Integration Idea:

Develop collaborative, interdisciplinary media projects with your colleagues by sharing your assignments in My Content.

DISCOVERY EDUCATION *unitedstreaming* GETTING STARTED



My Content

Add a Media Resource to My Content

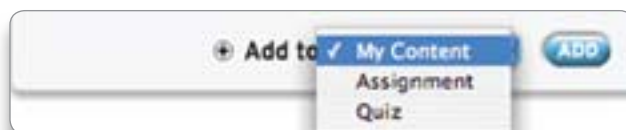
1. Locate a resource that you wish to add to My Content.
2. Select "My Content" from the "Add to" drop down menu and click "ADD."

NOTE: Make sure to allow pop-ups from *unitedstreaming* when adding material to My Content, or hold down the "Control" key when clicking the "ADD" button to temporarily allow the pop-up window to open.
3. A pop-up window will open. You may add the resource to the "My Content" default folder, select a folder or add it to a new folder.
4. If you select "Add to New Folder," follow the prompts and enter a folder name and folder location. My Content allows you to create folders within folders.
5. Click on "Add" and the window will display a confirmation message, telling you that your content has been added.
6. To access your content, click on the "My Content" link on the navigation bar at the top of the screen.

Put the flexibility of My Content to work for you. Once you have added media resources to My Content, you can use the pull down menu to copy, move, share and delete them at any time. You can also sort your resources by type, name, creation date, subject, or grade. Use the arrows to move resources up or down the list, so that they are organized in the way that is most useful to you.

Current *unitedstreaming* users

Are you a *unitedstreaming* user who created video playlists, multimedia assignments or quizzes with an earlier version of *unitedstreaming*? All of the work you created can now be found in My Content—just click on the "My Content" link on the navigation bar at the top of the screen to locate your favorite digital resources.



NOTES:

DISCOVERY EDUCATION *unitedstreaming* TEACHER CENTER

Teacher Center

The Teacher Center provides you with powerful tools that allow you to create dynamic, interactive multimedia projects for your students. You can save and organize your projects in folders you create within My Content for easy editing, sharing and retrieval.

CLASSROOM TOOLS



Assignment Builder

Build and store assignments for your students that use unitedstreaming's curriculum content.

[Go To](#)



Quiz Builder

Incorporate video clips into interactive quizzes with unitedstreaming Quiz Builder!

[Go To](#)



Writing Prompt Builder

Give students writing practice with these images that include composition prompts.

[Go To](#)

CURRICULUM RESOURCES



Calendar

Help students connect the past and present with videos tied to historical events.

[Go To](#)



Lesson Plan Library

Tap into more than 200 lesson plans designed for unitedstreaming videos.

[Go To](#)



Thematic Focus

Browse weekly teaching topics that include video segments, lesson plans, and student activities.

[Go To](#)

TEACHER COMMUNITY



Discovery Educator Network

Explore resources and community tools for educators -- including exclusive content.

[Visit the DEN](#)



unitedstreaming Newsletter

Each month, learn about unitedstreaming events and activities.

[View Newsletter](#)

[Sign Up Now](#)



Integration Idea:

Gather digital resources using the Assignment Builder and create a WebQuest for students.

DISCOVERY EDUCATION *unitedstreaming* TEACHER CENTER



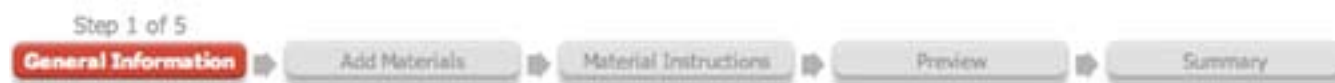
Assignment Builder

The Assignment Builder is a versatile resource that helps you build online activities and web-based projects that are stored on the Discovery Education *unitedstreaming* servers. You can use this tool to create student assignments that integrate a variety of digital media types. Students access assignments through the Student Center.



Creating a New Assignment

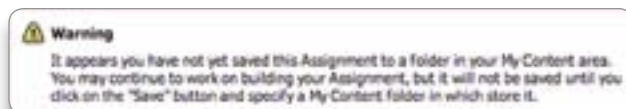
Access the Assignment Builder from anywhere on the site by clicking on Teacher Center in the navigation bar at the top of the screen. To get started, click on "Create New" from the Assignment Builder home page and follow these easy steps:



Step 1: General Information

Start by providing information about your assignment in the form provided. The assignment name, author, school, subject area, and grade level are required fields. You can also create assignment instructions, learning objectives and teacher notes.

You can save your assignment by clicking on the "Save" button at the bottom of the screen. If you choose not to click "Save," a warning message will appear on each step thereafter, until you click on the "Save" button and select the folder within My Content to which you would like to save your assignment.



NOTE: Make sure to allow pop-ups from *unitedstreaming* when saving an assignment to My Content, or hold down the "Control" key when clicking the "Save" button to temporarily allow the pop-up window to open.

Step 2: Add Materials

You can add media to your assignment, such as video segments, animations or audio files. You can also add an activity such as a Quiz or Writing Prompt or add links to websites.

Step 3: Material Instructions

Once you have selected media, activities and websites for your assignment, you can write step-by-step instructions that your students will see as they work with each material type.

Step 4: Preview

The Preview feature allows you to see what your assignment looks like in its final form. If you wish to make changes simply click on any of the steps in the process chain.

Step 5: Summary

The summary provides assignment information you will share with your students. When you provide the Assignment Code, students will need to:

1. Go to www5.unitedstreaming.com/studentcenter
2. Enter the assignment code, and their first and last name in the fields provided.

When you provide the Student Center Link, students are taken directly to *unitedstreaming*'s Student Center. The Assignment Code will be pre-populated and students simply enter their first and last name in the field provided.

DISCOVERY EDUCATION *unitedstreaming* TEACHER CENTER

Quiz Builder

The Quiz Builder tool allows you to create online assessments that you can use to test student comprehension or survey prior knowledge. You can search over 2,000 pre-made quizzes in the Quiz Library, choose individual questions from the Quiz Builder databank or write your own questions. Students access quizzes through the Student Center.



Creating a New Quiz

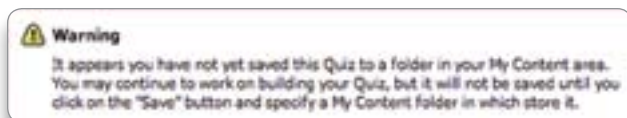
Access the Quiz Builder from anywhere on the site by clicking on Teacher Center in the navigation bar at the top of the screen. To get started, click on "Create New" from the Quiz Builder home page and follow these easy steps:



Step 1: General Information

Start by providing information about your quiz in the form provided. The quiz name, author, school, subject area, and grade level are required fields. You can also create quiz instructions, learning objectives and teacher notes.

You can save your quiz by clicking on the "Save" button at the bottom of the screen. If you choose not to click "Save," a warning message will appear on each step thereafter, until you click on the "Save" button and select the folder within My Content to which you would like to save your quiz.



NOTE: Make sure to allow pop-ups from *unitedstreaming* when saving a quiz to My Content, or hold down the "Control" key when clicking the "Save" button to temporarily allow the pop-up window to open.

Step 2: Add Materials

You can use the Keyword Search to add full videos and video segments to your quiz or search for video content by Subject and Grade.

Step 3: Add Questions

The Question Databank contains thousands of questions you can add to your quiz, or you can write your own questions.

Step 4: Preview

The Preview feature allows you to see what your quiz looks like in its final form. If you wish to make changes simply click on any of the steps in the process chain.

Step 5: Summary

The summary provides quiz information you will share with your students. When you provide the Quiz Code, students will need to:

1. Go to www5.unitedstreaming.com/studentcenter
2. Enter the Quiz code, and their first and last name in the fields provided.

When you provide the Student Center Link, students are taken directly to *unitedstreaming's* Student Center. The Quiz Code will be pre-populated and students simply enter their first and last name in the field provided.



Integration Idea:

Prepare students for an upcoming test by creating review questions using Quiz Builder.

DISCOVERY EDUCATION *unitedstreaming* TEACHER CENTER



Writing Prompt Builder

Stimulate the writing process in your classroom with thousands of images that are ready-made for declarative, persuasive, narrative, and expository writing exercises. You can search the Writing Prompt Library for images accompanied by suggested text or create your own writing prompts with the help of the Writing Prompt Builder.



Creating a New Writing Prompt

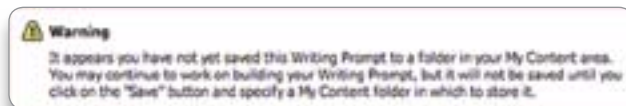
Access the Writing Prompt Builder from anywhere on the site by clicking on the Teacher Center link in the navigation bar at the top of the screen. To get started, click on "Create New" from the Writing Prompt Builder home page and follow these easy steps:



Step 1: General Information

Start by providing information about your writing prompt in the form provided. The writing prompt title, author and school are required fields. You can also select a subject area, grade level(s) and choose from four different types of writing exercises: declarative, persuasive, narrative, or expository. These fields are not required, but they are useful if you decide to share your writing prompt with others.

You can save your writing prompt by clicking on the "Save" button at the bottom of the screen. If you choose not to click "Save," a warning message will appear on each step thereafter, until you click on the "Save" button and select the folder within My Content to which you would like to save your writing prompt.



NOTE: Make sure to allow pop-ups from *unitedstreaming* when saving a writing prompt to My Content, or hold down the "Control" key when clicking the "Save" button to temporarily allow the pop-up window to open.

Step 2: Select Image

You can search from over 20,000 high quality, photographic images by typing a word or phrase in the Keyword Search or by selecting a subject from the drop down menu. Preview an image by clicking on the thumbnail. When you find an image that you like, click on the link "Add to my Writing Prompt." Next, select the page orientation and border and then click the "Continue" button.

Step 3: Customize Text

Writing Prompt Builder allows you to select the font type, style, size and color for the title and the caption. You can preview your selections by clicking the "Preview" button. Once you've formatted your title and caption, click the "Continue" button.

Step 4: Preview

The Preview feature allows you to see what your writing prompt looks like in its final form. If you wish to make changes simply click on any of the steps in the process chain.

Step 5: Summary

The summary provides writing prompt information you will share with your students. When you provide the Writing Prompt Code, students will need to:

1. Go to www5.unitedstreaming.com/studentcenter
2. Enter the Writing Prompt Code, and their first and last name in the fields provided.

When you provide the Student Center Link, students are taken directly to *unitedstreaming*'s Student Center. The Writing Prompt Code will be pre-populated and students simply enter their first and last name in the field provided.

DISCOVERY EDUCATION *unitedstreaming* TEACHER CENTER

Calendar

Make history come alive every day by showing video content to your students that presents events that occurred on a particular calendar day, week or month in history.

Access the Calendar from anywhere on the site by clicking on the Teacher Center link in the navigation bar at the top of the screen. The Calendar tool is a great way to locate videos that are associated with important events in history, prominent people, commemorative events and cultural celebrations.

Calendar events are categorized by subject area including: Science, Mathematics, Social Studies, Arts & Humanities, Language Arts, Biography and Health & Guidance. You can customize your display by viewing all events for a specific day or choose to view events for an entire week or month, by subject. Click on an event title to view a full event description and a list of *unitedstreaming* resources which may include full videos, video segments, articles and images.

Calendar

Make history come alive everyday by showing your students video content that presents events that happened on a particular calendar day, week or month.

Month July

SUN	MON	TUE	WED	THU	FRI	SAT
25	26	27	28	29	30	1 ★
2	3	4 ★	5	6	7	8
9	10	11	12	13	14 ★	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

View Events By: Day Week Month

★ Indicates that Commemorative Event Resources are available.

Science

[1920: Panama Canal Formally Opens](#)

The Panama Canal first opened to shipping in 1914, but the event was overshadowed by news about World War I. One of the greatest engineering feats in history finally had the world's attention at its formal inauguration in 1920. More than...

Mathematics

[1895: Birthdate of B. Buckminster Fuller, Mathematician and Visionary](#)

Known as Buckminster or Bucky Fuller, Richard Fuller's futuristic ideas brought him fame as a mathematician, engineer, architect, and inventor. One of his most famous innovations, the geodesic...

Social Studies

[1974: Watergate Conspirators Convicted](#)

White House aides G. Gordon Liddy and John Ehrlichman plus two others were convicted of conspiracy and perjury charges in connection with the Watergate scandal. The name that stuck to this political...

Art & Humanities

[1739: Birthdate of Josiah Wedgwood, Artist and Potter](#)

English potter Josiah Wedgwood invented techniques that revolutionized the pottery industry in the early 1760s. Founding his stoneware manufacturing operations on scientific principles, he developed new pigments and experimented with different raw materials, creating agateware and stoneware...



Integration Idea:

Locate historic events or fun facts that occurred on students' birthdays using the Calendar tool.

DISCOVERY EDUCATION *unitedstreaming* TEACHER CENTER



Lesson Plan Library

The Lesson Plan Library has a new search interface and contains more than 200 lessons designed for use with Discovery Education *unitedstreaming* videos.

Access the Lesson Plan Library from anywhere on the site by clicking on the Teacher Center link in the navigation bar at the top of the screen. Click on a subject area to view lesson plans that contain descriptions and indications regarding the recommended grade ranges.

Lesson plans can be viewed or saved in PDF or *Microsoft Word* format. To save a lesson plan, click on the appropriate format and select "Save." Navigate to the desired location. You can change the name of the lesson, but keep the ".pdf" or ".doc" file extension.

Lesson Plan Library

Select from a listing of all past Lesson Plans, organized by subject area.



[Art and Music](#)



[Health](#)



[Language Arts](#)



[Math](#)



[Other](#)



[Science](#)



[Social Studies](#)

DISCOVERY EDUCATION *unitedstreaming* TEACHER CENTER

Thematic Focus

Each Thematic Focus provides links to lessons and materials organized around a central theme or topic. New themes are added weekly and many focus on seasonal or timely events.

Access Thematic Focus from anywhere on the site by clicking on Teacher Center in the navigation bar at the top of the screen. Next, click on Thematic Focus. In each Thematic Focus, you will find a wealth of topic-specific information including:

- **Resources**

A discussion guide and lesson plans organized by grade levels

- **Media**

A list of downloadable video segments

- **Activities**

Problems, puzzles and worksheets

- **Events & Articles**

Written material that support the theme

Click the "Thematic Focus Archive" link to view a complete list of thematic units organized by subject.



Resources
Media
Activities
Events & Articles

Discussion Guide

From the wilds of Alaska to the mangroves of Florida, take a guided tour of four national parks.

[Download Discussion Guide \(pdf format\)](#)

Lesson Plan: Grade 3-5

Survey the topography and unique geologic features of the West by creating travel brochures for its national parks.

[Download Discussion Guide \(pdf format\)](#)

Lesson Plan: Grade 6-8

Visit the Colorado River's Glen Canyon Dam to investigate the helpful and harmful ecological effects of damming a river.

[Download Discussion Guide \(MS Word format\)](#)

Lesson Plan: Grade 6-12

Take a look at U.S. conservationists, including John Muir who was nicknamed "the father of our national parks."

[Download Discussion Guide \(MS Word format\)](#)

For a complete list of Thematic Foci, view the [Thematic Foci Archive](#).



Integration Idea:

Search *unitedstreaming's* vast image library for primary source materials to use in your instruction.



Professional Development

Discovery Education offers a host of staff development options designed to help you make the most effective use of Discovery Education *unitedstreaming* digital resources. Among the options are self-paced tutorials, online sessions, and professional development materials.

Professional Development

unitedstreaming in Action

Teaching Tips

Preview quick technology tips - from hyperlinking to movie making - that will jumpstart your lessons.

[Go To](#)

Trainer's Toolkit

Use these tools to enhance your *unitedstreaming* staff development workshops.

[Go To](#)

Discovery Educator Network

Explore resources and community tools for educators - including exclusive content for members.

[Go To](#)

Tech Talk

Use these resources from the Implementation & Support Team to help successfully launch and maintain *unitedstreaming*.

[Go To](#)

Digital Media Integration

Best Practices

View short video segments that profile practicing teachers and gain exciting strategies for technology integration.

[Go To](#)

Interactive Training

Learn to use *unitedstreaming* with these self-paced, easy-to-use lessons.

[Go To](#)

Project Demonstrations

Get inspired with these exemplar lesson plans, projects, and tutorials that show you how to integrate *unitedstreaming* content with popular software applications.

[Go To](#)

Courses for Credit

View a list of online courses & programs for CEU and graduate credit focused on helping educators teach with *unitedstreaming*.

[Go To](#)

What's New

Live Online Webinar Sessions

Hour-long facilitated session with DE instructor

- Digital Video Editing
- Inspiration Mapping
- Digital Storytelling

Ed Tech Connect

Presentations by nationally recognized educational technology experts.

- Alan November
- Kathy Schrock
- Hall Davidson

Calendar Events for Educators

NOTES:

Professional Development

Teaching Tips

Preview quick, 30-second technology tips—from editing *unitedstreaming* videos to creating hyperlinks—and learn how to infuse your lessons with technology.

Trainer's Toolkit

Use the resources and materials in the Trainer's Toolkit to enhance your *unitedstreaming* staff development workshops. Download digital versions of the User Guide, the QuickStart Guide and other support documents.

Discovery Educator Network

Learn how to become a member of a dynamic community of teachers—the Discovery Educator Network—and have access to a library of Educator Resources, discussions boards, and a variety of training materials. Members also have the opportunity to attend regional and national events sponsored by Discovery Education and the Discovery Educator Network.

www.discoveryeducatornetwork.com

Tech Talk

Visit Tech Talk to locate resources from the *unitedstreaming* Implementation and Support Team. You will find materials to help you successfully launch *unitedstreaming* at your school or district and documents that address technical and network issues.

Best Practices

View short, 30-second video segments that address timely educational themes and gain exciting strategies for differentiating instruction, integrating technology in the classroom, and communicating with parents. Learn more and watch the video in its entirety by clicking on the link that will take you to the full video.

Interactive Training

You can learn online at your own pace with this engaging series of lessons. Begin with Lesson 1 and learn how to search, play and download *unitedstreaming* video segments. Additional lessons demonstrate digital media integration, differentiated instruction techniques, and professional development training strategies. Print a certificate after the successful completion of each lesson and explore professional development credit options with your staff development coordinator or administrator.

NOTES:

Project Demonstrations

Project Demonstrations provide exemplary lesson plans, multimedia projects, and tutorials that support the successful integration of *unitedstreaming* content with popular software applications. Leverage the software in your classroom and learn how to edit *unitedstreaming* video, embed and hyperlink video and images in graphic organizing software or present *unitedstreaming* content using interactive whiteboards.

Courses for Credit

Discovery Education is collaborating with several accredited universities to offer dynamic, online graduate courses that focus on integrating *unitedstreaming* digital media in the classroom. Courses can be taken individually or applied to a certificate or master's degree program.

Webinars

A webinar is an online seminar with interactive training elements. Collaborate in live, hour-long sessions with a Discovery Education instructor using *WebEx* and your phone. Register for a variety of topics and times each week—all free with your *unitedstreaming* license. Topics range from integrating video and images in *PowerPoint* to using *unitedstreaming* content to create WebQuests and digital stories.



Integration Idea:

Kick off a staff development workshop with a teaching tip that describes how to embed a video in *PowerPoint*.

DISCOVERY EDUCATION *unitedstreaming* IMPLEMENTATION SUPPORT



Implementation Support

Tens of thousands of schools have discovered how easy it is to launch Discovery Education *unitedstreaming*, and you can too. Our Implementation Team is ready and waiting to help you maximize the value of our rich media library for your educators. Your dedicated Account Representative will help you plan and complete a successful rollout of *unitedstreaming* in your school(s).

Steps to a Successful *unitedstreaming* Launch

- Step 1:** Schedule a *unitedstreaming* orientation for your teachers and other key contacts.
- Step 2:** Write your school's eight-character passcode on your school kit materials, including posters and passcode flyers.
- Step 3:** One week before your workshop, place invitations in your colleagues' mailboxes.
- Step 4:** Two days before the scheduled session, distribute the passcode flyer and encourage colleagues to create a *unitedstreaming* account in advance.
- Step 5:** On the day of the workshop, distribute *unitedstreaming* resource materials (found in your school kit or online in Professional Development > Tech Talk).

Please contact your Account Representative between 8 A.M. and 5 P.M. Central Standard Time at 1-800-323-9084 for more information.

Additional Professional Development Resources

Coordinate follow-up sessions and encourage educators to take advantage of these exciting resources, found in the Professional Development section of *unitedstreaming*:

- **Webinars**

A webinar is an online seminar with interactive training elements. Collaborate in live, hour-long sessions with a Discovery Education instructor using *WebEx* and your phone. Register for a variety of topics and times each week.

- **Interactive Training**

Learn online at your own pace with this engaging series of lessons that demonstrate digital media integration, differentiated instruction techniques, and professional development training strategies. Successful completion of each lesson yields a certificate and professional development credit options.

- **Courses for Credit**

Discovery Education is collaborating with several accredited universities to offer dynamic, online graduate courses that focus on integrating *unitedstreaming* digital media in the classroom. Courses can be taken individually or applied to a certificate or master's degree program.

NOTES:

Creating a Hyperlink to a Video Segment

What is a hyperlink?

A hyperlink is a text or graphic element that points to a specified web page or opens a digital file that has been saved on a local computer or network server. After you have downloaded and saved Discovery Education *unitedstreaming* video segments, you can create hyperlinks using text and images. Users simply click the text or image hyperlink to open and play a video segment. Hyperlinking is a simple way for teachers and students to play video files within a separate media player window that provides access to player controls such as volume, play, pause, and stop.

Create a Hyperlink to a Video

The procedure involved in creating hyperlinks will vary with certain software applications. The following steps apply to documents created in *Microsoft Word* and *PowerPoint*:

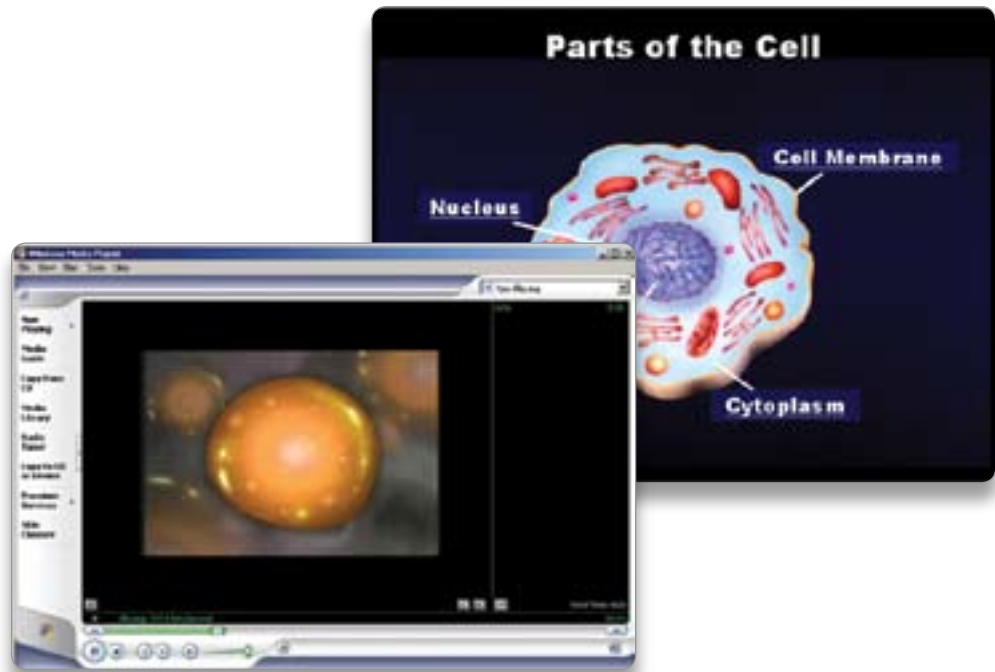
1. Download a video segment to a designated folder.
2. Save your new or revised *Word* or *PowerPoint* document in the same folder.
3. Highlight the text or select the image on the page that you wish to use for the hyperlink.
4. Go to "Insert" > "Hyperlink."
5. Click to select the video file that you wish to link to the text or image in your document.

NOTE: With some software versions, you may have to "Browse for File" and navigate to your saved file.

6. Click "OK" when finished.



To test your hyperlink, move your cursor over the link. It should change from an arrow to a pointing finger. In PowerPoint, you will need to be in the "Slide Show" view to test your link.



Integration Idea:

Create a clickable map in *PowerPoint* that contains hyperlinks to relevant video segments.

DISCOVERY EDUCATION *unitedstreaming* IMPLEMENTATION SUPPORT



Embedding a Video Segment

What is embedding?

When you embed a downloaded file, you insert it right into your document much as you would a picture or clip art file. Embedding makes use of the multimedia capabilities in software such as *PowerPoint*, *AppleWorks*, and *Keynote* and allows teachers to create presentations that do not rely on separate media players. Embedding is an effective way to add video content to existing presentations, create interactive learning projects with menus and text prompts, or develop slide shows in which video files play automatically.

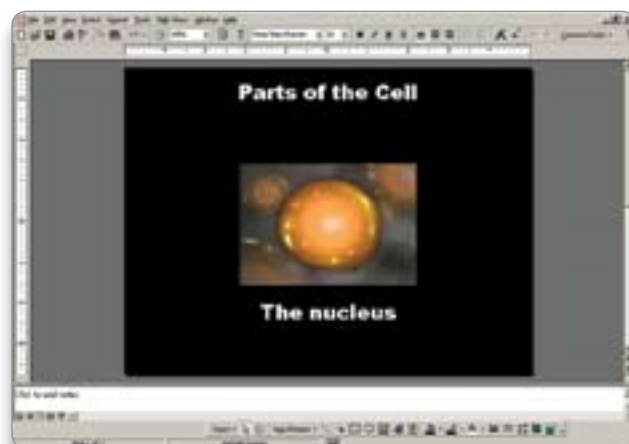
Embed a Video in PowerPoint

The procedure involved in embedding video files will vary with certain software applications. The following steps apply to documents created in *Microsoft PowerPoint*:

1. Download a video segment to a designated folder.
2. Save your new or revised *PowerPoint* document in the same folder.
3. Go to "Insert" > "Movies and Sounds" > "Movie from File."
4. Click to select the video file that you wish to insert in your document.

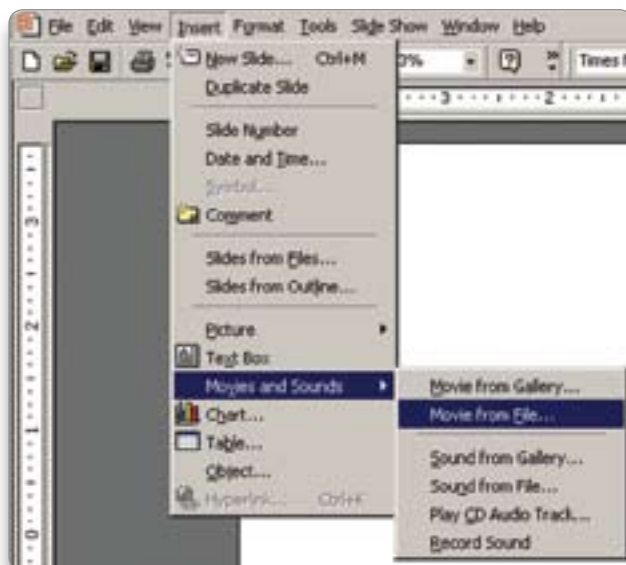
NOTE: With some software versions, you may have to "Browse for File" and navigate to your saved file.

5. Select the automatic play option or choose to start the video with a mouse click.



TIP: PC users will need to download *Windows Media* (.asf) files and *Macintosh* users will need to download *QuickTime* (.mov) files.

TIP: Keep the folder and file names brief. If the full path to a media file exceeds 128 characters, the file will not load and the viewer will see a blank white space where the embedded video file was intended.



Closed Captioning

When you enable Discovery Education *unitedstreaming*'s Closed Captioning, the video player will display the audio portion of the video as text right below the video image. With Closed Captioning, you can address the different learning needs of students and enhance comprehension as students read, listen, and view video content.

Using a PC

Play a Closed Captioned Video Segment in the Embedded Player

1. Check the "Enable Closed Captioning" box, located in the Media Settings box below the player window.
2. Click on "Play" next to the video segment you wish to view.

Play a Closed Captioned Video Segment in Full Screen View

Closed Captioning is not always available when viewing videos in Full Screen mode using the Embedded Player. To correct this, try selecting "Stand-Alone Application" as a Player Selection and making the video player window larger.

Download a Closed Captioned Video Segment

1. Check the "Enable Closed Captioning" box, located in the Media Settings box below the player window.
2. Save the video segment. Right-click on the Download icon next to the desired segment and select "Save Target As." Navigate to the desired location and save the video file. Make sure the file ends with the .asf extension.
3. Download the Closed Captioned Transcript. Right-click on the CC icon for the segment you are downloading and select "Save Target As." Navigate to the exact location where you saved the video segment and save the transcript file. Make sure the file ends with the .smi extension.

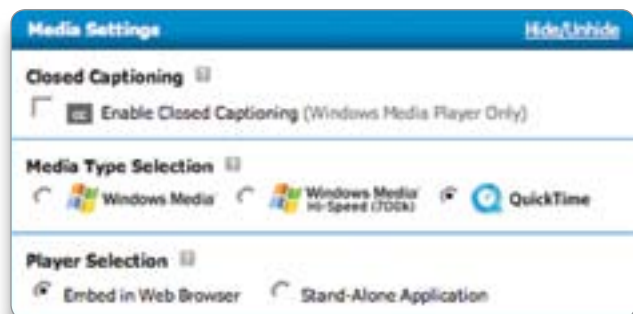
Play a Downloaded, Closed Captioned Video Segment Using *Windows Media Player*

1. Locate your saved video file (.asf) and double-click to open it in *Windows Media Player*.
2. Click on the "Play" menu and select "Captions and Subtitles." Select "On if Available."
3. Click on the Play button to play the video.
4. *Windows Media Player* 10 only: Click on the "Tools" menu. Select "Options," then select the "Security" tab. Check the box next to "Show local captions when present." Click "OK."

Using a Mac

Play a Closed Captioned Video Segment on a Mac:

1. Check the "Enable Closed Captioning" box, located in the Media Settings box below the player window.
2. Select "Windows Media" for the Media Type Selection.
3. Select "Stand-Alone Application" for the Player Selection.
4. Click the Play icon next to the segment you wish to view. *Windows Media Player* will open a new window.
5. In *Windows Media Player*, select the "View" menu and select "Show Captions."



Integration Idea:

Support English language learners by incorporating Closed Captioned video segments into your lessons.

DISCOVERY EDUCATION *unitedstreaming* IMPLEMENTATION SUPPORT



Storage and Technology Information

Discovery Education is eager to help you make this valuable resource successful in your schools. Consider the following as you introduce Discovery Education *unitedstreaming* in your school.

Storage Considerations

It is recommended that users play/stream videos to preview content and save/download videos to use in the classroom. Downloading insures a smooth and uninterrupted playing experience that will not be diminished by bandwidth or connectivity issues. It is a good idea to determine in advance the best place for *unitedstreaming* users to save their downloaded video segments.

Video files are formatted to 256 k to ensure quality video while maintaining small files sizes and download efficiency. One minute of video requires 1.8 MB of storage space on digital media. This means that just one minute of video would contain too much data for a floppy disk.

Storage Suggestions

- **Desktop Storage**
Create a folder on your desktop to house downloaded segments.
- **Public Shared Folder(s)**
Eliminate duplicate video segments by downloading files to a shared location such as a local network server. Multiple teachers may access downloaded clips at one time. Technology Coordinators might choose to set up a folder structure when video segments are to be stored at a shared location so that users can save files according to subject areas or grade level.

unitedstreaming Services

- **Network Manager**
Schedules downloads at off-peak times.
- **Blocktime Editor**
Schedules times to restrict streaming and downloading.
- **Local Hosting**
Content shipped via firewall hard-drive; hosted on your server.
- **Upload Manager**
Upload your school's content to *unitedstreaming* for your users only.

unitedstreaming & Third Party Software

You must have the latest versions of these programs to effectively use *unitedstreaming*:

- *Windows Media Player* (PC) or *QuickTime* (Mac)
- *Macromedia Flash* Plug-In
- *Adobe Reader*

Please visit the Help section of *unitedstreaming* to download the latest versions of these programs.

Displaying *unitedstreaming* Content

The following methods are recommended for presenting *unitedstreaming* content in the classroom:

- Use a Scan Converter connected to a large screen television to change computer-video signals to NTSC or PAL format. *Extron* and *Averkeys* are two popular brands.
- Connect an LCD projector to a classroom computer to create a presentation station.
- Download video segments, images, clip art, and animations to create activities for students to complete at computer stations or learning centers.

Other Important Technology Considerations:

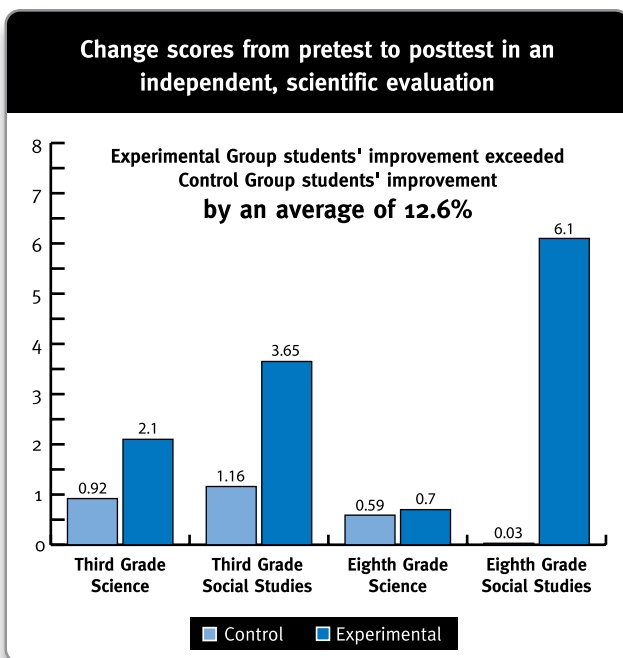
- When playing or streaming a video online, one video can be simultaneously accessed by many end-users.
- If you are on a T-1 connection, six people (at 256 k) can stream simultaneously with no buffering, assuming there is no other Internet traffic on the network.
- Screen resolution should be set to a minimum of 800 x 600 DPI; recommended resolution is 1024 x 768 DPI.

PROFESSIONAL DEVELOPMENT & ...

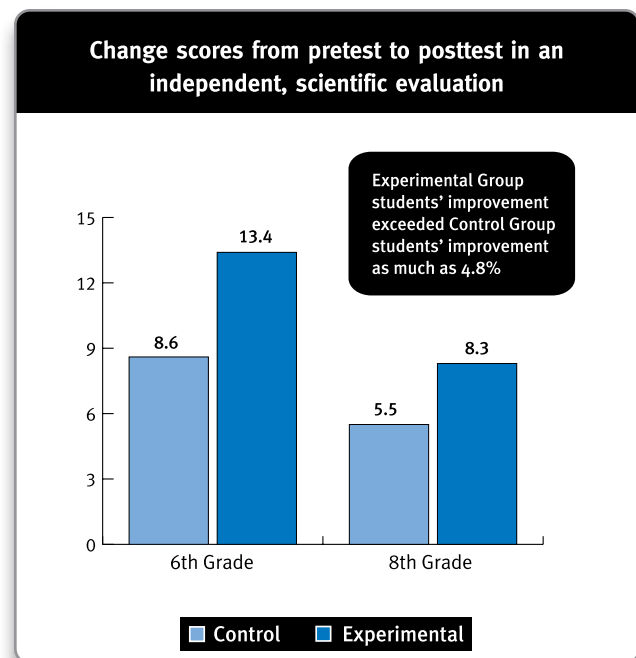
A Report on the Effect of Discovery Education *unitedstreaming*

Through rigorous, independent scientific evaluation, Discovery Education *unitedstreaming* is the only educational digital video-based learning resource that has been shown to increase student achievement. Two random-assignment, control group studies—conducted in rural Virginia in 2002 and urban Los Angeles, California in 2004—showed significant improvement in Social Studies, Science, and Math performance for students exposed to video content from *unitedstreaming* over those students not exposed to the content.

These evaluations have caught the attention of policymakers across the nation. Discovery Education executives have been invited to present the results to the United States House of Representatives' Committee on Education and the Workforce, at United States Department of Education Technology Summits, and at various state and national education technology conferences around the country.



- 12.6% average increase in achievement in Social Studies and Science scores over control group



- 3-5% average increase in achievement in Mathematics scores over control group

**Integration Idea:**

Play an audio clip and have students draw or write a description of the sound.

DISCOVERY EDUCATION *unitedstreaming* IMPLEMENTATION SUPPORT



Discovery Educator Network

The Discovery Educator Network is a global community of educators who are excited by the power of digital media and want to collaborate and share resources with other teachers.

Discovery Education invites dynamic teachers incorporating digital media in their classroom curriculum to join the Discovery Educator Network. Educators selected will benefit through access to a wide range of resources, professional development activities, networking opportunities and exclusive Discovery Educator events. Committed to sharing ideas and resources with educators in their local community, Discovery Educators will be supported in providing local demonstrations and presentations at both the state and national levels.

- Participate in an active online forum and ideas exchange at www.discoveryeducatornetwork.com
- Connect with people who have similar educational technology interests.
- Download resources and professional development support materials.
- Use the power of Discovery Education to make your creative classroom ideas a reality.
- Participate in exclusive Discovery Education events and sweepstakes
- Serve as beta testers for future Discovery Education products and sites.



www.discoveryeducatornetwork.com

NOTES:

DISCOVERY EDUCATION *unitedstreaming*

GLOSSARY OF TERMS

Bandwidth

The amount of information or data (text, images, video, sound) that can be sent over a communication channel, such as a network, in a given period of time. The higher the bandwidth, the more information the channel can carry. It is similar to roadways—a four-lane highway can carry more traffic than a two-lane highway.

Blackline Masters

Supplementary materials in the form of worksheets and other tools associated with *unitedstreaming* video programs. They are in PDF format so that they can be easily downloaded and printed to hand out to students. You will need *Adobe Acrobat Reader* installed on your computer to be able to open these files.

Buffer

A temporary storage location for data information being sent or received. It compensates for differences between two different devices in ability or speed in data handling. The buffer functions like a reservoir, capturing the data and then letting it out at speeds the lower-capacity device can accommodate. The verb buffer refers to the act of collecting and storing the data until it can be used.

Download

To transfer or save a file from a computer or server to your own computer via the Internet. Things you might download include video and image files. After an image or video is downloaded, you may view the file on your own computer without being connected to the Internet.

Embedded Video

When you embed a downloaded file, you insert it right into your document. Embedding makes use of the multimedia capabilities in software such as *PowerPoint*, *AppleWorks*, and *Keynote* and allows teachers to create presentations that do not rely on separate media players. Embedding is an effective way to add video content to existing presentations, create interactive learning projects with menus and text prompts, or develop slide shows in which video files play automatically.

Hyperlink

A hyperlink is a text or graphic element that points to a specified web page or opens a digital file that has been saved on a local computer or network server. After you have downloaded and saved *unitedstreaming* video segments, you can create hyperlinks using text and images. Users simply click the text or image hyperlink to open and play a video segment. Hyperlinking is a simple way for teachers and students to play video files within a separate media player window that provides access to player controls such as volume, play, pause, and stop.

PDF file

Portable Document Format. This format was developed by *Adobe* to allow files to retain their original formatting regardless of whether the end user has the program with which the file was created. The documents will have the extension “PDF.” You must have *Adobe Acrobat Reader* (a free download from the *Adobe* website) installed on your computer to be able to open the files.

Stream

Any data transmission that occurs in a continuous flow. Streaming audio and video files allow you to display or play the beginning before all the data has been transferred. A *unitedstreaming* video file can be streamed and played in *Windows Media Player* (PC) or *QuickTime* player (Mac). You can begin viewing the file with little delay as opposed to waiting for the entire file to download.

Teacher’s Guide

A supplementary guide is available for most *unitedstreaming* video programs. Teacher’s Guides contain program objectives, discussion questions, and lesson plans that support *unitedstreaming* video content. The PDF format ensures easy downloading.

Webinar

An online seminar with interactive training elements. Discovery Education offers hour-long sessions using the platform *WebEx* and a phone. A variety of topics and times are available each week—all free with your *unitedstreaming* license.

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